

PATENT COOPERATION TREATY

PCT

INTERNATIONAL SEARCH REPORT

(PCT Article 18 and Rules 43 and 44)

Applicant's or agent's file reference F03-042-PCT	FOR FURTHER ACTION see Notification of Transmittal of International Search Report (Form PCT/ISA/220) as well as, where applicable, item 5 below.	
International application No. PCT/JP 03/12649	International filing date (day/month/year) 02/10/2003	(Earliest) Priority Date (day/month/year) 02/10/2002
Applicant NIPPON SHOKUBAI CO., LTD.		

This International Search Report has been prepared by this International Searching Authority and is transmitted to the applicant according to Article 18. A copy is being transmitted to the International Bureau.

This International Search Report consists of a total of 4 sheets.

☒ It is also accompanied by a copy of each prior art document cited in this report.

1. Basis of the report

- a. With regard to the language, the international search was carried out on the basis of the international application in the language in which it was filed, unless otherwise indicated under this item.

☐ the international search was carried out on the basis of a translation of the international application furnished to this Authority (Rule 23.1(b)).

- b. With regard to any nucleotide and/or amino acid sequence disclosed in the international application, the international search was carried out on the basis of the sequence listing:

☐ contained in the international application in written form.

☐ filed together with the international application in computer readable form.

☐ furnished subsequently to this Authority in written form.

☐ furnished subsequently to this Authority in computer readable form.

☐ the statement that the subsequently furnished written sequence listing does not go beyond the disclosure in the international application as filed has been furnished.

☐ the statement that the information recorded in computer readable form is identical to the written sequence listing has been furnished.

2. ☐ Certain claims were found unsearchable (See Box I).

3. ☐ Unity of invention is lacking (see Box II).

4. With regard to the title,

☒ the text is approved as submitted by the applicant.

☐ the text has been established by this Authority to read as follows:

5. With regard to the abstract,

☒ the text is approved as submitted by the applicant.

☐ the text has been established, according to Rule 38.2(b), by this Authority as it appears in Box III. The applicant may, within one month from the date of mailing of this international search report, submit comments to this Authority.

6. The figure of the drawings to be published with the abstract is Figure No.

☐ as suggested by the applicant.

☐ because the applicant failed to suggest a figure.

☐ because this figure better characterizes the invention.

☒ None of the figures.

INTERNATIONAL SEARCH REPORT

International Application No

CT/JP 03/12649

A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 C08G83/00 C08G73/02

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 C08G C09D C09J

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ, COMPENDEX

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 00 49066 A (BROTHERS HERBERT M II ;SWANSON DOUGLAS R (US); UPPULURI SRINIVAS () 24 August 2000 (2000-08-24) claim 1 page 8, line 5 - line 20 page 9, line 14 -page 10, line 9 ---	1,6,10, 11
X	WO 95 02008 A (DSM NV) 19 January 1995 (1995-01-19) claims 1,10,15,16 --- -/--	1,2,6, 10,11

☒ Further documents are listed in the continuation of box C.☒ Patent family members are listed in annex.

* Special categories of cited documents:

- *A* document defining the general state of the art which is not considered to be of particular relevance
- *E* earlier document but published on or after the international filing date
- *L* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- *O* document referring to an oral disclosure, use, exhibition or other means
- *P* document published prior to the international filing date but later than the priority date claimed

- *T* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- *X* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- *Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- * & * document member of the same patent family

Date of the actual completion of the international search

30 January 2004

Date of mailing of the international search report

12/02/2004

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2
NL - 2280 HV Rijswijk
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,
Fax: (+31-70) 340-3016

Authorized officer

Niaounakis, M

INTERNATIONAL SEARCH REPORT

In. .tional Application No

CT/JP 03/12649

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	DATABASE WPI Section Ch, Week 200311 Derwent Publications Ltd., London, GB; Class A26, AN 2003-118225 XP002268694 & KR 2002 066 837 A (POSTECH FOUND), 21 August 2002 (2002-08-21) abstract ---	1
X	DATABASE WPI Section Ch, Week 199812 Derwent Publications Ltd., London, GB; Class A25, AN 1998-128914 XP002268343 ANONYMOUS: "Use of dendrimers in polyurethane chemistry e.g. polypropylene:imine dendrimers - can be used as catalysts in art and trade literature related to isocyanate chemistry such as amine, and as rigid foam formulations for thermal insulation" abstract & RESEARCH DISCLOSURE, vol. 405, no. 074, 10 January 1998 (1998-01-10), Emsworth, GB -----	1

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/JP 03/12649

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
WO 0049066	A	24-08-2000	CA 2362994 A1	24-08-2000
			EP 1171507 A1	16-01-2002
			JP 2002537426 T	05-11-2002
			WO 0049066 A1	24-08-2000
			US 6635720 B1	21-10-2003
WO 9502008	A	19-01-1995	BE 1007260 A3	02-05-1995
			AT 158003 T	15-09-1997
			AU 7391494 A	06-02-1995
			BR 9407013 A	13-08-1996
			CA 2166720 A1	19-01-1995
			CN 1129455 A , B	21-08-1996
			CZ 9600038 A3	17-04-1996
			DE 69405570 D1	16-10-1997
			DE 69405570 T2	02-04-1998
			DK 707611 T3	27-04-1998
			EP 0707611 A1	24-04-1996
			ES 2107854 T3	01-12-1997
			FI 960080 A	08-01-1996
			HU 72476 A2	29-04-1996
			JP 8512345 T	24-12-1996
			WO 9502008 A1	19-01-1995
			NO 960006 A	06-03-1996
			NZ 269602 A	28-10-1996
			PL 312435 A1	29-04-1996
			RU 2134275 C1	10-08-1999
			SK 1696 A3	05-03-1997
			US 5530092 A	25-06-1996
KR 2002066837	A	21-08-2002	NONE	